

SAIL-M12BGM12G-5S4.0U**Weidmüller Interface GmbH & Co. KG**

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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12BGM12G-5S4.0U
Order No.	2485140400
Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 5, 4 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118504323
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 180 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	5	Core cross-section	0.34 mm ²
Outside diameter	5.7 mm ± 0.2 mm	Cable length	4 m
Shielded	Yes	Insulation	PP
Colour coding	blue, white, brown, grey, black	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)
Suitable for cable carriers	Yes	Torsion resistance	0 °/m
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s ²	Speed	200 m/min
Bending cycles	2 Mio	Resistant to welding beads	No
Configurable cable length	No	Hydrolysis and microbe resistant	Yes
LABS-free	Yes	Resistance to oils	in accordance with IEC 60811:404
Resistance to spread of flame	According to UL2556 FT2		

General technical data

Connection thread	M12 / M12	Housing main material	PUR
Threaded ring material	Diecast zinc	Coding	A
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	125 V
Rated current	4 A	Insulation strength	10 ⁸ Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11		

Approvals

ROHS Conform

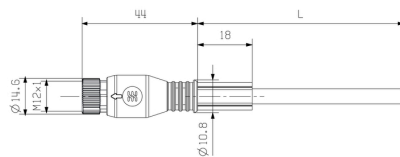
DownloadsBrochure/Catalogue [FL FIELDWIRING EN](#)

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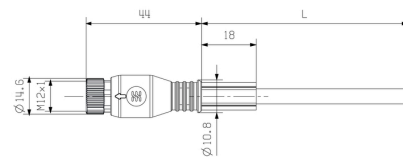
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Drawings

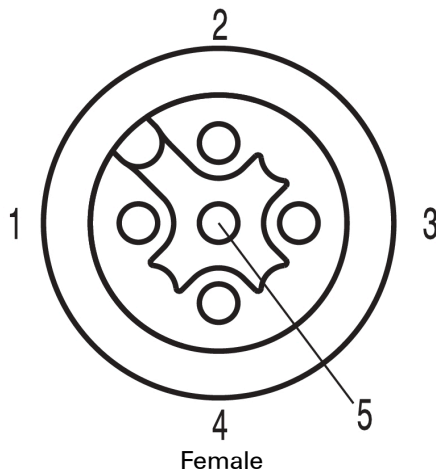
Dimensioned drawing



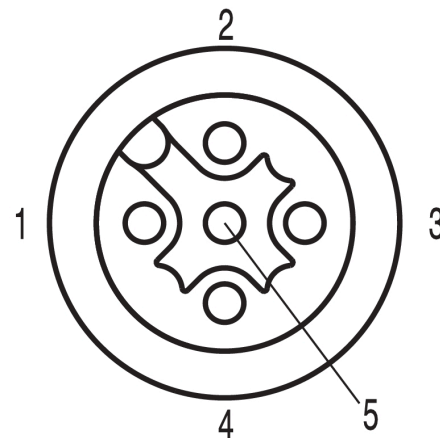
Dimensioned drawing



Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F